BR-86/31-5-14

M. A. R. 57 (Rule 116)
Measurement Book

No. C/08

Serial No. ..I^st and Final Bill. R/o. 25/5/2014. 127318

Name of work ..Construction of Concrete Road and Sidedrain From ... to ... development

Name of Contractor of nature of Agency ..in Byatarayanapura ST Colony ward no 7

Date of commencement of work..Kadugeerahalli. Est Cost Rs 65.00 Lakhs

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Job NO: 007-13-000004 P code 1878						
	AS NO: JC(y) AS NO/1155/12-13. Dt 18/6/2013						
	TS NO: EE/BTP/T.S/135/13-14. Dt 5/7/13						
	Agency: P. Hemanth						
	W.O NO: EE/BTP/W.O/619/13-14						
	Agg NO: EE/BTP/Agg NO/619/13-14						
	(1). Earth work Excavation by Manual Means in hard soil in valleys an Avg Thorough up to 1m and an Avg lift up to 0.5m Excavated surface etc complete as per						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Specifications.						
	Qty Recorded in this M.B vide P.No. 127376.						
	Qty = 104.97 cmts limit to 85.95 cmts @Rs 80/cmts						6876=00
2)	Removing of B.S. slab of drains and stacking						
	at complete						
	Qty Recorded in this MB vide P.No 127376.						
	Qty = 1714.611 Sqm. limit to 1575.75 Sqm.						
	@Rs 45/cmts					Rs	70,909=00
3)	Refixing of B.S slab drains and stacking.						
	Doddam Bandi Road (L-Shape)	2	68.20	0.90	–	122.76	
		2	19.60	0.90	–	35.28	
	Valmiki Road	2	109.10	0.90	–	196.20	
		2	76.90	0.90	–	138.42	

Serial No. .....

Name of work .....

Name of Contractor of nature of Agen

Date of commencement of work.....

Date	Full description, etc, of work
1	2
	4th cross Road
	Qty is limit to
	@Rs

nts	Reference to last Measurement 8
	6876=00
	70,909=00
6	
2	

M. A. R. 57 (Rule 116) No. C/08

Measurement Book

Serial No. 127319

Name of work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	4th cross Road	2	46.00	0.90	–	88.16	
		2	131.2	0.90	–	236.16	
		1	43.0	0.90	–	38.70	
		1	43.0	0.90	–	38.70	
		1	56.0	0.90	–	50.40	
		2	132.10	0.90	–	237.76	
					Totally	1182.58	
	Qty is clint to @ Rs 60/ Sq mt	1103.03 Sq mts				B	66181=00

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
4)	providing Stone Slab & Selected Roughly dressed and Fixed in CM 1:6 including	Fixing etc Complete as per Specification					
	Temple South side Road	2	32.70	1.65	—	107.91	
		2	23.0	1.65	—	75.90	
		2	17.30	1.65	—	57.09	
		2	48.80	1.65	—	161.04	
	Jodi Mane Road	2	27.70	1.65	—	91.41	
					Totally	493.30 Sqm	
	Unit is 472.78 Sqm	@ Rs 302/Sqm				Rs	1,42,761=00
5)	Earth work Excavation and Formation & Embankment by Manual Means in O.Soil with initial lead up to 1.5m thereon from bank cutting etc complete as per Specification.						
	Qty Recorded in this MB vide P. No 127378						

Serial No. .....

Name of work .....

Name of Contractor of nature of Agen

Date of commencement of work.....

Date	Full description, etc, of work
1	2
	Qty = 921.36 cmts
6)	Compaction & original Roller etc complete (Maximum depression to 10T power Specification. Valmiki Road 5th cross Jodi Mane Sondi
	4th Cross Centre Road Doddamane Bedi

ntents 7	Reference to last Measurement 8
ced	
ion	
2.91	
90	
2.09	
04	
41	
30	
Rs	1,42,761=00
reas	
y	

M. A. R. 57 (Rule 116)

Measurement Book

No. C/08

127320

Serial No. .....

Name of work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Qty = 921.36 cmts	@Rs 71/cmts				Rs	65,689=00
6)	Compaction of original Ground with Maximum of 6 pass of Road Roller etc complete (Manually and Mechanically) including filling in depressions to 10T power Roller including filling etc complete as per specifications.						
	Valmiki Road 5th cross	1	109.10	6.0	—	654.60 Sqmt	
	Jodi Mane Sondi	1	11.40	2.30	—	26.22	
		1	27.70	2.10	—	58.17	
	4th Cross Centre Road Doddamane Sedi	1	76.90	6.85	—	526.76	
		1	46.40	6.35	—	294.64	
						1560.39	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth	156039	
1	2	3	4	5	6		8
	Temple South Side Road	1	23.0	3.70	–	85.1 5mt	
		1	32.70	5.0	–	163.5	
		1	17.30	1.0	–	17.30	
		1	16.70	5.66	–	93.52	
		1	48.80	6.50	–	317.2	
	Temple north Side Road	1	56.40	5.90	–	332.76	
	doddagonna devi Beedi	1	68.20	5.50	–	375.10	
	1st Cross	1	78.40	4.35	–	341.04	
	Gally Road 1st	1	24.60	4.0	–	98.4	
		1	15.80	4.40	–	69.52	
		1	13.40	3.40	–	45.56	
	Gally Road 2nd	1	11.60	2.70	–	31.32	
		1	5.0	2.0	–	10.0	
						3540.7	

Serial No. .....

Name of work .....

Name of Contractor of nature of Age

Date of commencement of work.....

Date	Full description, etc, of work
1	2
	Shabari Road 1st Cross
	2nd Cross
	3rd Cross
	4th Cross
	5th Cross A
	5th Cross
	North Side Road

Contents	Reference to last Measurement 8
156079	
85.1 Sav	
163.50	
17.30	
93.52	
317.2	
332.76	
375.10	
341.04	
98.4	
69.52	
45.56	
31.32	
10.0	
3540.71	

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Measurement Book

i27321

Serial No. .....

Name of work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents 3540.71	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
1	2						
		1	19.10	2.0	–	38.20	
	Shabari Road 1st cross	1	43.10	2.85	–	122.83	
	2nd cross	1	43.10	2.85	–	122.83	
	3rd cross	1	44.50	2.85	–	126.82	
	4th cross	1	45.10	2.85	–	128.53	
	5th cross A	1	43.0	1.75	–	73.10	
	5th cross	1	46.0	1.80	–	82.80	
	North Side Road	1	46.0	3.0	–	138.0	
		1	130.0	3.50	–	455.0	
						4828.82 Sav	

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Qty limitted to 4626.00 Sq mt @ Rs 4.00/Sqm					Rs	18,504=00
7)	Extra cost of earthing the earth to bring the earth up to Required optimum Moisture Content with necessary including cost & all materials etc complete.						
	Qty is same as item no (6). 4828.82 Sq mt						
	4828.82 x 0.10 = 482.88 cum					Rs	925=00
	limit to 462.60 cum @ Rs 2/Sqm					Rs	
8)	providing and laying in Pce & Concrete of M-25 with OPC & 12mm with 20mm granite Metal Manual Mixed Concrete laid in layer not exceeding 15 cm thick vibrated 15 cm for Roof slab etc complete as per specifications						
	Valmiki Road 5th cross	1	109.10	6.0	0.10	65.460	
	Jodi Maru Gally	1	11.40	2.30	0.10	2.62	

Serial No. .....

Name of work .....

Name of Contractor of nature of Agency .

Date of commencement of work.....

Date	Full description, etc, of work	Nur
1	2	
	4th cross Centre Road Doddamma Beedi	
	Temple South side	
	Temple north side Road	

	Contents 7	Reference to last Measurement 8
	B	18,504=00
	uired	
	ng cost 8	
	By	925=00
	Sqm B	
	with OPC	
	Concrete	
	ted 15 cms	
	65.46	
	2.62	

M. A. R. 57 (Rule 116) No. C/08

Measurement Book

127322

Serial No. .....

Name of work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work.....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
		1	27.70	2.10	0.10	5.81	
	4th cross Centre Road	1	76.90	6.85	0.10	52.67	
	Doddanna Geedi	1	46.40	6.35	0.10	29.46	
	Temple South side	1	23.0	3.70	0.10	85.10	
		1	32.70	5.0	0.10	16.35	
		1	17.30	1.0	0.10	17.30	
		1	16.70	5.60	0.10	9.35	
		1	48.80	6.50	0.10	31.72 ~~31.5~~	
	Temple north Side Road	1	56.40	5.90	0.10	33.27	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Doddanna nadelli Beedi	1	68.20	5.50	0.10	37.51 cu	
	Gally Road	1	24.60	4.0	0.10	9.81	
		1	15.80	4.40	0.10	6.95	
		1	13.40	3.40	0.10	4.55	
	Gally Road	1	11.60	2.70	0.10	31.32	
		1	5.0	2.0	0.10	10.10	
		1	19.10	2.0	0.10	3.82	
	Chabai bekari Roads						
	1st cross	1	43.20	2.85	0.10	12.28	
	2nd Cross	1	43.10	2.85	0.10	12.28	
	3rd Cross	1	44.50	2.85	0.10	12.82	
	4th Cross	1	45.10	2.85	0.10	12.85	
	5th Cross 'A'	1	43.0	1.70	0.10	7.31	

M.

Serial No. .....

Name of work .....

Name of Contractor of nature of Agency ...

Date of commencement of work.....

Date	Full description, etc, of work	Num
1	2	3
	5th cross	1
	North side Road	1
		1
	Qty limit to 462.60	
9)	providing and laying granite Jelly & Roll for R well compacted including Sprinkling	

Depth 6	Contents 7	Reference to last Measurement 8
10	37.51 cu	
10	9.81	
10	6.95	
10	4.55	
10	31.32	
0	10.0	
10	3.82	
0	12.28	
0	12.28	
0	12.87	
0	12.85	
	7.31	

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Measurement Book

No. C/08

Serial No. 127323

Name of work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work.....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	5th cross	1	46.0	1.80	0.10	8.28 m³	
	North side Road	1	46.0	3.0	0.10	13.80	
		1	130.0	3.50	0.10	45.50	
					Totally	482.82 cubic	
	Qty limit to 462.60 Cubic. @ Rs			520.5=00/Sqm		Rs	2,407 321=00
9)	providing and laying C.C using 20mm and down size granite Jelly & Roll by Rr one layer in 15cm thick layer and well compacted including vibrating cutting etc complete as per Specification						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Qty is Same as item no (8). i.e 4822.82 cubic mtr						
	limit to 4662.60 cubic mtr @ Rs 5401/cum					Rs	2,498,502=00
10)	vacuum dewatering with vacuum pump and suction mat and Conpaction with Stein floater clubbed with floating d&c including Cost & Grevels etc complete as per specifications						25/5/2014
	Qty is same as item no (6) Qty 4828.20 Sqmt						
	limit to 4626.00 Sqmt @ Rs 4626/Sqm					Rs	3,83,958=00
11)	providing Groove cutting of width of 5mm to 10mm and depth 80mm - 100mm including Cost of cutting Machine etc complete as per specifications						
		10./	6.0/	—	—	60.0 Rmt	
		4/	6.50/	—	—	26.0	
		4/	5.90/	—	—	23.60	

Serial No. .....

Name of work .....

Name of Contractor of nature of Agency

Date of commencement of work.....

Date	Full description, etc, of work	Nu
1	2	
	limit to 180.00 m	
12)	E.W. Excavation for Sanitary lines and Electri 1.5m and above the wid	

Contents 7	Reference to last Measurement 8
B	2,498,502=00
25/5/2014	
B	3,83,958=00

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No. C/08

Measurement Book

127324

Serial No. ....

Name of work .... From.............................. To..................................

Name of Contractor of nature of Agency ....

Date of commencement of work...

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		7.	6.85	–	–	47.95 Sm	cefce
		4	6.35	–	–	25.40	
		5	6.50	–	–	32.50	
		5	5.90	–	–	29.50	
					Totally	244.95 m	
	Limit to 180.00 m @ Rs 103/Sm					B	18540=00
12)	E.W. Excavation for Foundation building culverts water supply Sanitary lines and Electrical Conduits either in pits or in Trench 1.5m and above the width etc complete as per Specification						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
CDs	Dressing Temple Boundside Ragi Mill opposit	1	62.0	1.20	0.90	66.96 cub	
		1	9.30	1.80	0.90	15.06	
					Totally	82.02 cub	
	Qty limit to 75.33 cub @Rs 129/Cy					Rs	9718=00
13)	providing and dosing in place of Mix M-10 with ope					@220	
	Rgs with 40mm and down size graded granite metal						
	Coan etc complete Qty	1	62.0	1.20	0.15	11.16 cub	cube
		1	9.30	1.80	0.15	2.50	
					Totally	13.66 cub	
	Qty limit to 12.56 cub @Rs 3956/cub					Rs	49725=00
14)	providing and Constructing Granite/Trap Fully SSO in						
	Foundation with CM 1:6. stone hammer dressed etc Complete						
	as per Specifications						

Serial No. .....

Name of work .....

Name of Contractor of nature of Agency .

Date of commencement of work.....

Date	Full description, etc, of work	Nur
1	2	
	CDs	
		@Rs
15)	providing and Removing	
	from work etc Complete as	

Depth 6	Contents 7	Reference to last Measurement 8
.90	66.96 cub	
.90	15.06	
lly	82.02 cub	
	Rs	9718=00
th ope	@220	
ite deleted		
.15	11.16 cub	cette
.15	2.50	
	13.66 cub	
	Rs	4972.5=00
sed in		
cte Complete		

M. A. R. 57 (Rule 116)

Measurement Book

No. C/08

i27325

Serial No. .....

Name of work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work.....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	CDs	1	62.0	0.75	0.60	27.90 cub	
		1	9.30	0.60	0.45	2.51	
					Totally	30.41 cub	
		@Rs 2645/ cub				Rs	80,345=00
15)	providing and Removing Centering Shuttering etc and Removal of						
	from work etc Complete as per Specifications.						
		2	62.0	0.23	—	28.52	
		2	1.80	0.23	—	0.82	cette
		2	9.30	0.23	—	4.27	
		2	1.80	0.23	—	0.82	
						34.43 cub	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Qty limit to 27.90 Sqm. @ Rs 193.0/Sq					Rs	5385=00
16)	providing and laying Cement Concrete using 20mm and down size grovit Jelly & Mix Concrete for Ree works laid in 15 cm thicks layer etc Complete as per Specifications.						
		1	62.0	1.80	0.23	25.66 cub	
		1	9.30	1.80	0.23	3.85	
		1	8.0	1.80	0.23	3.31	
	Ramp	2	9.30	2.0	0.15	8.37	
					Totally	41.19 cub	
	limit to 37.25 cub @ Rs 5403/cub					Rs	201,262=00
17)	providing TMT Steel Reinforcement Ree works including straightening cutting bending for Ree works cutting bending hooking etc Complete as per Specifications						

C&SC
25/5/22

M.

Serial No. .....

Name of work .....

Name of Contractor of nature of Agency ...

Date of commencement of work.....

Date	Full description, etc, of work	Numb
1	2	3
	Quantity Recorded in this M	
	Qty - 5513.14 Kgs ≈ 5513	
	@ Rs	
18)	providing pointing to Coar	
	deep after Raking joints co	
	joints etc complete as per S	
		2
		2
	limit to 55.80 S	

Contents 7	Reference to last Measurement 8
Rs	5385=00
mand laid in	
25.66 cum	
3.85	
3.31	
8.37	
41.19 cum	
Rs	291,262=00
ing ending	

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Measurement Book

No. C/08

127326

Serial No. .....

Name of work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work.....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	Quantity Recorded in this MB vide P.No 127378						
	Qty - 5513.14 Kgs = 55.13 Quintal limit to 15.40 Quintal						
	@ Rs 7009=00/ Quintal					Rs	107938=00
18)	providing pointing to Coarsed stone Masonary with CM 1:3. 20mm deep after Raking joints with CM 1:3. 20mm deep after raking joints etc complete as per Specifications.						
		2	62.0	0.75	—	93.00 Rm	
		2	9.30	0.75	—	13.95	
						106.95 Rm	
	limit to 55.80 Sqm @ Rs 70=00					Rs	3906=00

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
19)	Local disposal of Debris shall be payable at Conveyance Rate by Mechanical Means including loading unloading etc complete as per Specification						
	Qty is taken as item no (5) + (12)						
	921.36 cmt + 82.00 cmt					= 1003.36 cmt	
						(-) 150.50 cmt	
	Deduct 15% void =						
			Balance			852.85 cmt	
			@ ₹ 79/cmt			₹ 67,375=00	
						Totally 62,27,010=00	
						62,06,296=00	
	All the above measurements accepted for Final Settlement						
	Part Quantity		25/5/24			25/5/24	

Serial No. .....

Name of work .....

Name of Contractor of nature of Agency

Date of commencement of work.....

Date	Full description, etc, of work	Nu
1	2	

Contents 7	Reference to last Measurement 8
...rement ...ading ...ber ...ulb Rs 67,375=00 ...lly 6,27,010=00 6,20,390=00 ...ly JE 6,06,296=00 ...ly 25/5/24	

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Measurement Book

No. C/08

127327

Serial No. .....

Name of work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work.....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	6206296=00 924165=00 628131=00 Kunkunkar.cc Ramesh Librarian Ramesh			IT - 124126 ICT - 748252 Fish 403109 Live 62063 Crab 6206 Roy - 80109 Total - 924165=00			